

Converting Colors

XYZ(14.0994, 14.3403, 17.7833)

Have a look what the booklet for
XYZ(14.0994, 14.3403, 17.7833)
contains.

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Color

**XYZ(13.9944, 14.2187,
17.6297)**

Conversions

Conversions Part 1

Format	Color
Hex	6B6871
RGB	107, 104, 113
RGB Percent	42%, 41%, 44%
CMY	0.5804, 0.5921, 0.5569
CMYK	0.05, 0.08, 0.00, 0.56
HSL	260°, 4%, 43%
HSV	260°, 8%, 44%
XYZ	13.9944, 14.2187, 17.6297
YIQ	105.9230, -1.1010, 3.4350

Conversions

Conversions Part 2

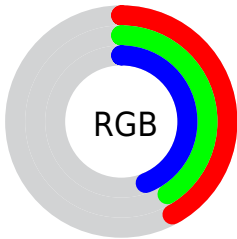
Format	Color
R_{YB}	107, 104, 113
Decimal	7039089
CIE Lab	44.54, 3.05, -4.62
CIE LCh	45, 5.538, 303.461
Yxy	14.2187, 0.3053, 0.3102
Android (android.graphics.Color)	4285229169 (0xFF6B6871)
YUV	105.9230, 3.4890, 0.9445
Hunter-Lab	37.7077, 0.2580, -1.3248

Details

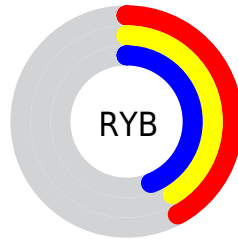
The XYZ color **13.9944, 14.2187, 17.6297** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.8347, 16.1251, 15.4280**, and the grayscale version is **13.6698, 14.3817, 15.6617**.

A 20% lighter version of the original color is **32.6134, 33.4284, 40.3307**, and **4.2807, 4.2686, 5.5993** is the 20% darker color. If you saturate the color by 10%, you get **12.0657, 11.6479, 17.2354**, and if you desaturate by 10%, it is **16.1553, 17.1363, 18.0792**.

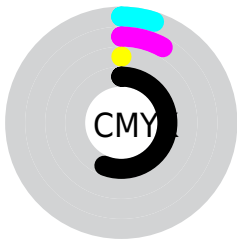
Distribution



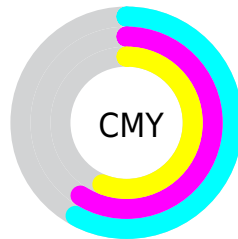
- Red (42%)
- Green (41%)
- Blue (44%)



- Red (42%)
- Yellow (41%)
- Blue (44%)



- Cyan (5%)
- Magenta (8%)
- Yellow (0%)
- Black (56%)



- Cyan (58%)
- Magenta (59%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9944, 14.2187, 17.6297 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 13.9944, 14.2187, 17.6297 by changing the saturation by 10% instead.

■ 13.9944, 14.2187,
17.6297

■ 13.9944, 14.2187,
17.6297

210.7073,
218.5872, 250.9411

■ 8.1984, 8.2729,
10.5178

■ 32.6654, 33.4766,
40.2107

■ 4.2751, 4.2701,
5.6335

■ 46.2712, 47.5575,
56.5169

■ 1.8589, 1.8258,
2.5584

■ 63.2110, 65.1189,
76.7249

■ 0.5528, 0.5032,
0.8709

■ 83.8502, 86.5452,
101.2532

■ 0.0000, 0.0000,
0.0000

108.5540,
112.2207, 130.5205

137.6879,

142.5300, 164.9452

171.6172,
177.8573, 204.9459

■ 13.9944, 14.2187,
17.6297

■ 13.9944, 14.2187,
17.6297

■ 12.0657, 11.6479,
17.2354

■ 16.1553, 17.1363,
18.0792

■ 10.3600, 9.4090,
16.8931

■ 18.5548, 20.4113,
18.5848

■ 8.8692, 7.4887,
16.6010

■ 21.2005, 24.0559,
19.1489

■ 7.5841, 5.8720,
16.3567

■ 24.0995, 28.0815,
19.7731

■ 6.4951, 4.5430,
16.1576

■ 27.2583, 32.4987,
20.4592

■ 5.5915, 3.4838,
16.0008

■ 30.6834, 37.3178,
21.2089

■ 4.8616, 2.6749,
15.8831

■ 34.3810, 42.5488,
22.0237

■ 4.2922, 2.0936,
15.8009

■ 38.3570, 48.2011,
22.9051

■ 3.8497, 1.6773,
15.7439

■ 42.6172, 54.2842,
23.8547

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



13.5665, 14.2187, 18.0738



13.9944, 14.2187, 17.6297



14.2989, 14.2187, 16.6090

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13.9944, 14.2187, 17.6297



13.9025, 14.2187, 13.3803



12.6737, 14.2187, 15.6310

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



13.9944, 14.2187, 17.6297



14.8347, 16.1251, 15.4280

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



12.7593, 14.2187, 14.4067



13.9944, 14.2187, 17.6297



13.4626, 14.2187, 13.1502

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



13.9944, 14.2187, 17.6297



14.2450, 14.2187, 14.1625



13.0456, 14.2187, 13.5158



12.8093, 14.2187, 16.8805

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



13.9944, 14.2187, 17.6297



14.3874, 14.2187, 15.7640



13.0456, 14.2187, 13.5158



12.6776, 14.2187, 15.2028

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



13.9948, 14.2193, 17.6300



27.2951, 28.4724, 32.0326



14.2822, 15.3200, 17.8273



6.3272, 6.6047, 7.4111



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



13.9948, 14.2193, 17.6300



24.2276, 24.3467, 31.3979



14.5311, 14.4958, 17.6551



3.3127, 3.3495, 4.2261



4.2538, 1.8023, 17.8453



20.3598, 8.5502, 88.8564

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



14.5753, 14.5378, 16.7903



25.5530, 25.0741, 29.4682



14.3067, 15.8529, 15.4033



3.4694, 3.4355, 3.9987



9.1696, 4.5602, 7.9688



45.2656, 22.5516, 37.5263

Previews

White Background



This preview shows how the XYZ color 13.9944, 14.2187, 17.6297 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 13.9944, 14.2187, 17.6297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

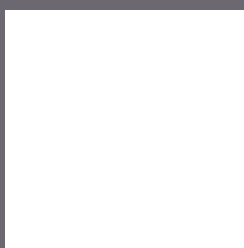
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.9944, 14.2187, 17.6297

Background



This preview shows how black text looks on a background with the XYZ color 13.9944, 14.2187, 17.6297.



This preview shows how white text looks on a background with the XYZ color 13.9944, 14.2187,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

13.9944, 14.2187, 17.6297

Protanopia

13.8579, 14.2987, 17.6523

Deuteranopia

14.4141, 14.1397, 17.5923



Tritanopia

13.9383, 14.1963, 17.3348

Trichromacy

**Original Color**

13.9944, 14.2187, 17.6297

Protanomaly

13.9761, 14.3596, 17.6578

Deuteranomaly

14.2613, 14.2077, 17.6135

Tritanomaly

13.9383, 14.1963, 17.3348

Monochromacy

**Original Color**

13.9944, 14.2187, 17.6297

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.7558, 14.2714, 16.4977

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9944, 14.2187, 17.6297 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(107, 104, 113)` looks like.

```
.text, #text, p{  
    color:rgb(107, 104, 113)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(107, 104, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 104, 113) }
```

Border

The CSS property to change the border of an element to XYZ 13.9944, 14.2187, 17.6297 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 104, 113) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(107, 104, 113) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(107, 104, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 104, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 104, 113);  
box-shadow:4px 4px 4px 4px rgb(107, 104,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9944, 14.2187, 17.6297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 104, 113) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(107,  
104, 113) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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